

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| S40 | 1 | 10/736395 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/28 10:31 |
| S42 | 1 | ("6383928").PN. | US-PGPUB; USPAT | OR | OFF | 2005/11/28 10:46 |
| S43 | 3671 | bias near5 sputter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 10:47 |
| S44 | 0 | S42 and S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 10:47 |
| S45 | 1075188 | interconnect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 10:47 |
| S46 | 1628136 | copper or cu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:33 |
| S47 | 636 | S45 and S46 and S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 10:48 |
| S48 | 405911 | inhibitor or (native adj1 oxide) or (copper adj1 oxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:30 |

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| S49 | 87 | S47 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 11:14 |
| S56 | 1 | S40 and inhibitor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 12:34 |
| S57 | 1 | "6287977".pn. and electroplat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 12:53 |
| S58 | 1 | S40 and electroplat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 12:34 |
| S59 | 86 | S49 and (al or aluminum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 12:47 |
| S60 | 1 | S57 and (al or aluminum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 12:47 |
| S61 | 2 | "6287977".pn. and dielectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 13:24 |
| S62 | 2 | "6350687".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 13:30 |

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| S63 | 479 | inhibit\$4 with (cuo or (copper adj1 oxide) or ((nature or native) adj1 oxide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 13:33 |
| S64 | 65 | S63 and sputter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:32 |
| S65 | 0 | vapor\$8 with inhibitor with (cu or copper) with ((copper adj1 oxide) or cuo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 13:52 |
| S66 | 21 | vapor\$8 same inhibitor same (cu or copper) same ((copper adj1 oxide) or cuo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 14:02 |
| S67 | 634238 | tan or ta or (tantalum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 14:03 |
| S68 | 383 | ((plasma near3 chemical) or Pecvd) with S67 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 14:04 |
| S69 | 303 | semiconductor and S68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 14:08 |
| S70 | 1 | S40 and deposit\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/28 14:45 |

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| S71 | 6 | ((("20040152301") or ("20020115287") or ("20020028576") or ("6709987") or ("6559061") or ("6287977"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/11/28 14:47 |
| S72 | 6 | S71 and vapor\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/28 14:47 |
| S73 | 35 | (US-20010050226-\$ or US-20010050223-\$ or US-20050069646-\$ or US-20030116427-\$ or US-20050255700-\$ or US-20040152301-\$ or US-20010032783-\$ or US-20040014312-\$ or US-20020115287-\$ or US-20040127069-\$ or US-20050095847-\$ or US-20050064708-\$ or US-20020028576-\$ or US-20040023483-\$ or US-20040262772-\$).did. or (US-5656099-\$ or US-6003243-\$ or US-5783162-\$ or US-RE36290-\$ or US-6875693-\$ or US-6787006-\$ or US-5643692-\$ or US-5595686-\$ or US-5543648-\$ or US-5525564-\$ or US-5580808-\$ or US-5314724-\$ or US-5573648-\$ or US-5720858-\$ or US-4836929-\$ or US-5863503-\$ or US-6709987-\$ or US-6444104-\$ or US-6287977-\$ or US-6451177-\$). did. | US-PGPUB; USPAT | OR | OFF | 2006/05/01 11:54 |
| S75 | 299928 | plasma\$ | US-PGPUB; USPAT | OR | OFF | 2006/05/01 12:30 |
| S76 | 422102 | inhibitor or (native adj1 oxide) or (copper adj1 oxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:31 |
| S77 | 232093 | sputter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:32 |

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|-----|---------|------------------------|---|----|----|------------------|
| S78 | 26888 | S75 with S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:33 |
| S79 | 1716271 | copper or cu | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:33 |
| S80 | 7665 | S76 with (S75 or S77) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 14:05 |
| S81 | 490 | S78 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:34 |
| S82 | 339 | S79 and S81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 12:34 |
| S83 | 286 | S82 and @ad<"20031215" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 14:06 |
| S84 | 33 | "6287977" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 13:55 |
| S85 | 615781 | sacrific\$5 or S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 13:57 |

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|-----|-------|---|---|----|-----|------------------|
| S86 | 2001 | S77 with S85 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 13:58 |
| S87 | 28347 | S86 or S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 13:58 |
| S88 | 11394 | S85 with (S75 or S77) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 14:05 |
| S89 | 2374 | S87 and S88 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 14:06 |
| S90 | 1549 | S79 and S89 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 14:06 |
| S91 | 1186 | S90 and @ad<"20031215" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 14:06 |
| S92 | 2 | ("5534730" "6485618").PN. OR ("6784105").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/03 07:50 |